



PTO/SB/21 (04-04)

1642 IFW

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/044,692
Filing Date	January 11, 2002
First Named Inventor	Cech, Thomas R.
Art Unit	1642
Examiner Name	Ungar, Susan NMN
Attorney Docket Number	015389-002640US

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Amendment/Reply
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	Reg. No. 42,271
Signature		
Date	08/18/04	

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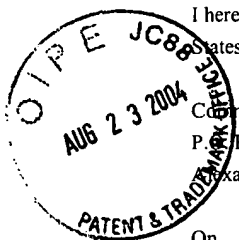
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PATENT
Attorney Docket No.: 015389-002640US
Client Reference No.: 018/213C

On

Aug. 19, 2004

TOWNSEND and TOWNSEND and CREW LLP

By:

Nicole M. Wartell
Nicole M. Wartell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas Cech et al.

Application No.: 10/044,692

Filed: January 11, 2002

For: HUMAN TELOMERASE
CATALYTIC SUBUNIT: DIAGNOSTIC
AND THERAPEUTIC METHODS

Examiner: Ungar, Susan NMN

Art Unit: 1642

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

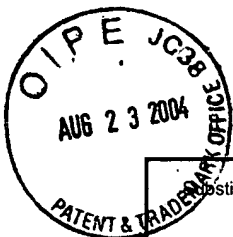
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Scott L. Ausenhus
Reg. No. 42,271

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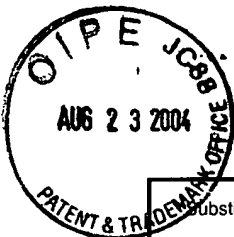
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/044,692	
			Filing Date	January 11, 2002	
			First Named Inventor	Cech, Thomas R.	
			Art Unit	1642	
Sheet	1	of	2	Examiner Name	Ungar, Susan NMN
				Attorney Docket Number	015389-002640US

U.S. PATENT DOCUMENTS+					
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				Application Number	10/044,692
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Sheet	2	of	2	Attorney Docket Number	015389-002640US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	ANDERSON, W. FRENCH "Human Gene Therapy" <i>Nature</i> , April 30, 1998, pp. 25-30, Vol. 392, Supp.	
	C2	CAMPBELL, KEITH & WILMUT, IAN "Totipotency or Multipotentiality of Cultured Cells: Applications and Progress" <i>Theriogenology</i> , January 1997, pp. 63-72, Vol. 47, Issue 1, Elsevier Science Inc.	
	C3	GEARHART, JOHN "New Potential for Human Embryonic Stem Cells" <i>Science</i> , November 6, 1998; pp. 1061-1062, Vol. 282, Issue 5391.	
	C4	HORNSBY, PJ et al. "Adrenocortical Cells Immortalized by Telomerase: Potential Use for <i>Ex Vivo</i> Gene Therapy" <i>Journal of Anti-Aging Medicine</i> , 2000, pp. 411-417, Vol. 3, No. 4.	
	C5	OSTLER ELIZABETH L. et al. "Telomerase and the Cellular Lifespan: Implications for the Aging Process" <i>J. of Pediatric Endocrinology & Metabolism</i> , 2000, pp. 1467-1476, Vol. 13, Supplement 6, Freund Publishing House Ltd. London.	
	C6	THOMSON, JAMES A. et al. "Embryonic Stem Cell Lines Derived from Human Blastocysts" <i>Science</i> , November 6, 1998; pp. 1145-1147, Vol. 282, Issue 5391.	
	C7		

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